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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit:

App'n. Ser. No.: 10/585,196 ✓

Examiner:

Filing Date: 07/03/2006

Title: **METHOD AND SYSTEM OF COMPUTING AND RENDERING THE NATURE  
OF ATOMS AND ATOMIC IONS**

**December 19, 2007**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8A and B forms listing the documents submitted in this Information Disclosure Statement, copies of which are included herewith. The filing of this Information Disclosure Statement should not be taken as an admission that certain information listed on the PTO/SB/O8A and B forms is in fact prior art. Applicant has not limited his submissions to prior art, but rather, has also included other documents and information that may have a bearing on this case. To cite just one example, the PTO specifically required Applicant to list his published articles on PTO/SB/O8 forms even though Applicant notified the PTO officials imposing this requirement that those articles did not constitute prior art in relation to all of his pending patent applications.

Please charge any required fees to have this Information Disclosure Statement entered and considered to our deposit account No. 500687. If necessary, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 500687.

Applicant advises the Committee that took over examination of his pending applications relating to his lower-energy hydrogen technology that he has made a

concerted effort to review those applications for documents cited therein and to make those documents of record in each case. Because, however, his lower-energy hydrogen applications were consolidated under a single Examiner, Bernard Eng-Kie Souw, Applicant believes that the Committee should already be familiar with the totality of these documents. Nonetheless, for purposes of completeness and ensuring that all cited documents have been brought to the PTO's attention, Applicant provides the following list of applications relating to his lower-energy hydrogen technology:

U.S. Ser. No.	Filing Date
11/730,065	3/29/07
11/606,903	12/1/06
10/596,218	11/14/06
10/585,196	7/3/06
10/575,345	4/11/06
10/552,585	10/12/05
10/893,280	7/19/04
10/513,026	11/01/04
10/494,571	5/6/04
10/469,913	9/5/2003
10/331,725	12/31/02
10/319,460	11/27/02
09/669,877	9/27/00
09/813,792	3/22/01
09/513,768	2/25/00
09/678,730	10/4/00
09/362,693	7/29/99
09/181,180	10/28/98
09/225,687	1/6/99
09/110,717	7/7/98
09/110,694	7/7/98
09/501,622	2/9/00
09/501,621	2/9/00
09/111,003	7/7/98
09/111,160	7/7/98
09/110,678	7/7/98
09/009,455	1/20/98
09/009,294	1/20/98
09/008,947	1/20/98
09/009,837	1/20/98

08/822,170	4/21/97
08/822,120	3/21/97
08/467,051	6/6/95
08/467,911	6/6/95
08/416,040	4/3/95
08/107,357	8/16/93
08/075,102	6/11/93
07/825,845	1/28/92
07/626,496	12/12/90
07/345,628	4/28/89
07/341,733	4/21/89

In connection with this Information Disclosure Statement, the undersigned and Applicant have made concerted efforts to cite in this application all relevant information that has come to their attention, either based on information in Applicant's own possession or provided by PTO officials responsible for examining his other pending cases. In furtherance of those efforts, the following description is provided of some of the actions they have taken to make all relevant information available to the PTO.

Regarding these matters, the undersigned and his co-counsel, Jeffrey A. Simenauer, have had numerous telephone discussions with Applicant regarding PTO requirements for disclosing relevant information relating to the prosecution of his patent applications. Counsel have also traveled twice in the past few years to visit assignee BlackLight Power Inc.'s business office and research facility in Cranbury, New Jersey and to meet with Applicant, Dr. Randell L. Mills and other BlackLight personnel, most recently on September 20, 2007. On both occasions, Counsel reminded Applicant of his duty of disclosure in connection with the requirements for submission of relevant information to the PTO in his pending patent applications. Counsel also advised Applicant of recently implemented and proposed PTO rule changes and their potential impact on the prosecution of his cases. All relevant information that was brought to Counsel's attention during these and prior discussions of such matters has been made of record.

Due to the number of pending patent applications filed on behalf of Applicant, and the citation of various documents by different Examiners during the examination of

those applications, Counsel have also undertaken extensive, periodic reviews of the application files in an effort to make certain that all such information has been submitted to the PTO in each case. Based on those reviews, Counsel have now prepared a Master List representing what they believe to be a complete compilation of all information known to have been cited in Applicant's pending patent applications relating to his lower-energy hydrogen technology. This list includes what Counsel further believe to be irrelevant documents relating to "cold fusion," most of which were cited by the PTO in its attempt to associate Applicant's claimed invention with that controversial technology, which erroneous position it has not yet withdrawn. The entire Master List is included in the attached SB/08A and B forms (42 pages).

Applicant's submits herewith all of the documents appearing on this Master List for citation in the present application. If there are any documents cited in one of Applicant's other pending cases that are not found on the Master List, or otherwise have not been submitted in this case, such omission is inadvertent, as no references have been intentionally withheld. Given that all of Applicant's pending patent applications relating to his novel hydrogen technology, as previously mentioned, have been consolidated under a single Examiner, Dr. Souw, Applicant believes that the PTO is already aware of all information cited in those cases and kindly requests that the Examiner bring to Applicant's attention any information that he knows is not already of record.

This collective treatment of the documents in Applicant's pending applications is consistent with the PTO's present handling of documents, as indicated by Paper No. 20070918 recently filed on September 18, 2007, in U.S. App'n Ser. No. 08/467,911, which includes "Master List of Prior Art Cited in Hydrocatalysis Cases" prepared by the PTO. The citation of that Master List further indicates that the PTO has consolidated all of Applicant's patent applications assigned to his company, BlackLight Power, Inc. (previously known as "Hydrocatalysis"), and that, at least to some extent, it has been tracking and considering all documents cited in those cases. Thus, even though the PTO is already aware of those documents, Applicant and his Counsel have used their

best efforts to independently compile and submit all of that information in this case.

Applicant further notes that in all of Applicant's pending applications relating to his lower-energy hydrogen technology, the PTO has made similar rejections under 35 U.S.C. §§ 101 and 112. While different named Examiners are listed in each application, the record shows that Dr. Souw has prepared numerous Appendices and arguments that have been incorporated into Office Actions in all of Applicant's pending applications, including a Consolidated Appendix. Due to the large amount of information elicited and requested by the PTO, to assist the Examiners, Applicant has provided a detailed response summarizing and organizing all submitted arguments, experimental evidence, and the file history, as well as a copy of his detailed response to the Consolidated Appendix, in all of his pending patent applications relating to lower-energy hydrogen technology. No relevant information from any pending application relating to lower-energy hydrogen technology has been intentionally withheld by Applicant from his other pending applications.

Regarding Applicant's submitted and published journal articles, the undersigned has also made every effort to ascertain the latest information regarding which of those articles were posted on the Internet at BlackLight's website and when that posting occurred. A complete, updated listing of articles is provided herewith, which includes this information. Thus, for those articles that were disclosed on the Internet before completion of the peer-review process, the "Internet publication date" has also been included.

This Information Disclosure Statement is intended to fully comply with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f) to enable Applicant to fully comply.

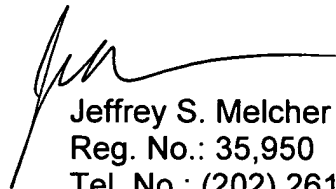
Consideration of the foregoing remarks and enclosures, including return of a copy of the attached PTO/SB/08A and B forms with the Examiner's initials in the left-hand column in accordance with M.P.E.P. § 609 and an early action on the merits of this application, are earnestly solicited.

Other supplemental information for the PTO's consideration is also being provided herewith based on new information that has recently come to the undersigned's attention in connection with Dr. Phillips' ownership of stock options in BlackLight Power, Inc. Dr. Phillips' prior ties to BlackLight have already been disclosed to the PTO in his Rule 132 Declarations and should be self-evident based upon his being listed as a co-inventor on the face of BlackLight's U.S. Patent No. 6,024,935. To ensure full disclosure, however, the undersigned has advised BlackLight to make that information available and to identify any business or financial relationships it has with any other persons and/or entities that have been involved in generating evidence or preparing articles submitted to the PTO for consideration. BlackLight has provided the undersigned with a list of this information, which is appended hereto as Attachment A. This Attachment was prepared by BlackLight personnel, including its controller and accountant, after extensive searches of the company's financial documents and other records. If there are any persons and/or entities not on the list that should have been included, such omission is inadvertent, as no such information has been intentionally withheld.

Please charge any required fees to have this Information Disclosure Statement considered to our deposit account No. 500687. Consideration of the foregoing remarks and enclosures, including return of a copy of the attached PTO/SB/08A and B forms with the Examiner's initials in the left-hand column per MPEP § 609, and an early action on the merits of this application are earnestly solicited.

Respectfully submitted,  
Manelli Denison & Selter PLLC

By



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**ATTACHMENT A**

		Date(s)	Compensation Arrangements	Cash Payments Made	Options Issued	Shares Owned
AKHTAR (Employee)	Dr. Kamran	-	Employee Salary	-	EE Options Only	None
BALDWIN (NASA)	Dr. R.	-	-	-	None	None
BONIFACE (Chalk River Labs)	Dr. H.A.	-	-	-	None	None
BRADFORD (PSU Student)	Dr. Michael	9/13/1994	Ad Hoc/ One-time Only	9/13/1994	None	None
CHANG (Employee)	Dr. Zhixiang	-	Employee Salary	-	EE Options Only	None
CHEN (EE & Consultant)	Dr. Chun-Ku	6/1/04-5/31/05	\$50/hour	2/7/2005	EE Options Only	None
CHEN (Employee)	Dr. Xuemin	-	Employee Salary	-	EE Options Only	None
CLARK (INP Greifswald)	Dr. H.R.	-	-	-	None	None
CONRADS (INP Greifswald transferred agrmnt to Conrads)	Dr. Johannes	8/4/99-9/23/05	2 wire transfers	2/14/00 6/12/01	Options granted from 9/9/96 to 8/5/97; some options expired; some options exercised 9/7/06	Some options exercised 9/7/06
CRAIG	Dr. W.Y.	-	-	-	None	None
CRAW-IVANCO (Chalk River Labs)	Dr. M.T.	-	-	-	None	None
DAYALAN (Employee)	Dr. Ethirajulu	-	Employee Salary	-	EE Options Only	None
DHANDAPANI (Employee)	Dr. Bala	-	Employee Salary	-	EE Options Only	None
DONG (EE & Consultant)	Dr. Jinquan	7/30/03-1/31/04 2/1/04-7/31/04 11/16/04-5/1/505	\$35/hour \$45/hour \$45hour	2/28/02 8/20/03	EE Options Only	None
ECHEZURIA (Employee)	Alejandra	-	Employee Salary	-	EE Options Only	None
FRALICK (Semitech)	Dr. G.C.	-	-	-	None	None
FUELLING (U Nevada)	Dr. Stephen	-	-	-	None	None
GAMBERALE	Luca	-	-	-	None	None
GERNERT (Thermacore)	Dr. N.J.	-	-	-	None	None
GOOD (EE & Officer)	William	-	Employee Salary	-	EE & Officer Options Issued Beginning 9/1/92	Shares Owned Beginning 1991

GREENIG (EE & Consultant)	Nelson	11/1/01-10/31/02 11/1/02-10/31/03 3/8/04-3/7/05 3/8/05-3/7/06 3/8/06-3/7/07 3/8/07-3/7/08	\$50/hour \$50/hour \$50/hour \$50/hour \$50/hour \$50/hour	7/19/95 4/27/01 10/14/02	EE Options Only	None
HALDEMAN (MIT Lincoln Labs)	Dr. C.W.	-	-	-	None	None
HE (Employee)	Dr. Jiliang	-	Employee Salary	-	EE Options Only	None
HICKS (Employee)	Steven	-	Employee Salary	-	EE Options Only	None
HILBORN (Chalk River Labs)	Dr. J.W.	-	-	-	None	None
ISELER (MIT Lincoln Labs)	Dr. G.W.	-	-	-	None	None
JACOX (INEL)	Dr. Michel	-	-	-	Options granted 9/9/96 to 3/3/97; all options expired	None
JANSSON (Rowan U)	Dr. Peter M.	6/10/02-10/31/02 (contract)	\$100 \$10	10/17/97 12/31/2002	None	Purchased shares 7/2/97; gifted to ex-wife and son 5/1/07
KNEIZYS	S.	-	-	-	None	None
KRYUKOV (Moscow Power Engineering Institute)	Dr. A.P.	-	-	-	None	None
KURTZ (PSU)	Dr. Stewart	-	-	-	Options granted 9/9/96 to 11/8/02; some expired	None
LEE (U of Ohio)	Dr. Jang-Jung	-	-	-	None	None
LU (EE & Consultant)	Dr. Ying	8/6/01 5/9/03-5/16/03 5/27/03-5/30/03 5/30/03-6/30/03 7/1/03-7/31/03 8/1/03-1/30/04	\$100/hour \$80/hour \$80/hour \$45/hour \$45/hour \$45/hour	10/01/01 5/23/03	EE Options Only	None
MARCHESE (Rowan U)	Dr. Anthony	6/10/02-10/31/02 (contract)	\$10 non-material	12/31/2002	None	None
MAYO (EE & Consultant)	Dr. Robert	6/8/01-8/8/01	\$50/hour	7/23/2001	EE Options Only	None
MEYERS (NASA)	Dr. I.	-	-	-	None	None
MILLER (Lehigh U)	Dr. Alfred	-	\$250	6/12/1997	Options granted 9/9/96 to 3/3/97; all options expired	None



MILLS (EE & Director)	Dr. Randell	-	Employee Salary	-	EE & Director Options Issued Beginning 9/9/96	Shares Owned Beginning 1991
NANSTEEL (EE & Consultant)	Dr. Mark W.	3/30/05-3/29/06 3/30/06-3/29/07 3/30/07-8/31/08	\$80/hour \$80/hour \$80/hour	8/24/2005	EE Options Only	None
NESTEROV (Moscow Power Engineering Institute)	Dr. S.B.	-	-	-	None	None
NIEDRA (NASA)	Dr. J.	-	-	-	None	None
NONINSKI (Brookhaven)	Dr. V.	-	-	-	None	None
ONUMA (Employee)	Dr. Takeyoshi	-	Employee Salary	-	EE Options Only	None
PACIFICORP		-	-	-	Options granted 4/7/97 to 4/27/98; some options expired	Purchased shares 9/20/96 & 7/2/97; transferred all shares to ScottishPower Ventures, Inc. 6/21/07
PETERSON (Westinghouse)	Dr. S.H.	-	-	-	None	None
PHILLIPS (PSU, UNM, LANL)	Dr. Jonathan	2/1/96-1/31/97 1/1/97-4/30/97 3/15/00-3/18/00 10/8/01-4/8/02 4/8/02-10/8/02 10/9/02-10/8/03 10/9/03-10/8/04 10/9/04-10/8/05 10/9/05-10/8/06 10/9/06-10/8/07	\$100/hour Options Only \$5,000 \$125/hour \$125/hour \$125/hour \$100/hour \$100/hour \$100/hour \$100/hour \$100/hour	4/26/95 5/9/00	Options granted 9/9/96-1/14/06; some options exercised	Some options exercised 9/1/06 & 2/20/07
RAY (Employee)	Dr. Paresh	-	Employee Salary	-	EE Options Only	None
SANKAR (EE & Consultant)	Dr. Jayasree	3/17/03-3/16/04 3/22/04-3/21/05	\$50/hour \$50/hour	-	EE Options Only	None
SAVOYE (MIT Lincoln Labs)	Dr. G.W.	-	-	-	None	None
SCHARER (U Wisconsin)	Dr. John	1/5/05-1/4/06 1/5/06-1/4/07 1/5/07-1/4/08	\$800/day \$100/hour \$110/hour	11/14/2005	None	None
SCHMALZEL (Rowan U)	Dr. John L.	6/10/02-10/31/02 (contract)	\$10 non-material	12/31/2002	None	None
SHANNON (Employee)	Tina	-	Employee Salary	-	EE Options Only	None
SHAUBACH (Thermacore)	Dr. R.M.	-	-	-	None	None
SIMMONS (Lehigh U)	Dr. G.	-	-	-	None	None
TREMBLAY (Chalk River Labs)	Dr. R.P.	-	-	-	None	None

TURNER (Spectral Data)	Dr. Gary L.	-	-	-	None	None
VOIGT (EE & Consultant)	Dr. H.	8/27/04-8/26/05	\$50/hour	-	EE Options Only	None
WATTS (INEL)	Dr. K.D.	-	-	-	None	None
WEISMANN	Dr. H.	-	-	-	None	None
WIESMANN	Dr. H.	-	-	-	-	-
WRUBEL (INP Greifswald)	Dr. Th.	-	-	-	None	None
ZEA (Employee)	Dr. Hugo	-	Employee Salary	-	EE Options Only	None